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GROUP 2100

Sheet 1 of 1

FORM PTO-149 REV. 7-88		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. TESSERA 3.3-018		SERIAL NO. 08/030,194							
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Khandros et al									
				FILING DATE April 28, 1993		GROUP 2104							
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
SV	AA	4	6	9	5	8	7	0	9/87	Patraw			
	AB												
	AC												
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FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION					
								YES	NO				
	AL												
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	AN												
	AO												
	AP												
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)													
	AR												
	AS												
	AT												
EXAMINER S. Clark						DATE CONSIDERED 10-2-95							
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

Sheet 2 of 2Form PTO-147
REV. 7-89U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
TESSERA 3.3-018SERIAL NO.
PCT/US91/06920LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Khandros, et al.FILING DATE
September 24, 1991

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
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AG						
AH						
AI						
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AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION / YES NO
SV	AU 8 9 1 0 0 0 5	10/19/89	PCT			
SV	AV 9 1 1 2 7 0 6	08/22/91	PCT			

OTHER PRIOR ART (Including Author, Title, Date, Portinent Pages, Etc.)

EXAMINER

S. Clark

DATE CONSIDERED

10-2-95

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 1 of 2

FORM PTO-1447 (REV. 7-89)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. TESSERA 3.3-018		SERIAL NO. PCT/US91/06920	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Khandros, et al.		FILING DATE September 24, 1991	
				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SVC	AA	4 7 7 2 9 3 6	09/20/88	Reding et al.			
SVC	AB	4 1 8 9 8 2 5	02/26/80	Robillard et al.			
	AC						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SVC	AL	4 1 3 4 5 1	7/25/90	Europat			
SVC	AM	0 8 0 0 4 1	9/22/82	Europat			
SVC	AN	0 7 2 6 7 3	8/12/82	Europat (A2)			
SVC	AO	0 7 6 7 3	8/12/82	Europat (A3)			
SVC	AP	2 4 5 8 3 9	12/7/81	France			
OTHER PRIOR ART (Including Author, Title, Date, Portion: Pages, Etc.)							
SVC	AR	IBM Technical Disclosure Bulletin entitled "Non-Permanent Mounting Technique For Test and Burn-In of C4 Devices", November 1990, Vol. 33, No. 7.					
JLK	AS	IBM Technical Disclosure Bulletin, entitled "Extended Pad For Testing Package Parts", December 1984, Vol. 27, No. 7B					
JLK	AT	IBM Technical Disclosure Bulletin entitled "Test And Repair of Direct Chip Attach Modules", August 1980, Vol. 21, No. 2					
EXAMINER S. Clark				DATE CONSIDERED 10-2-95			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 604; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



FORM PTO-149 (REV. 7-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. TESSERA 3.3-018		SERIAL NO. 08/030,194	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT KHANDROS ET AL.		GROUP 2104	
				FILING DATE April 28, 1993			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SVL	AA 4 6 5 5 5 2 4	4/08/87	ETZEL				
	AB						
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL						
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	AN						
	AO						
	AP						
OTHER PRIOR ART (Including Author, Title, Date, Patent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER S. Clark				DATE CONSIDERED 10-2-95			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Attorney Docket No. TESSERA 3.3-018Applicant: Khandros et alFiling Date: April 28, 1993Group: 2503**LIST OF PRIOR ART CITED BY APPLICANT****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER:	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>SJC</i>	5,053,922**	10/01/91	Matta et al	<i>—</i>	<i>—</i>	08/31/89
<i>SJC</i>	5,086,337**	2/00/92	Noro et al	<i>—</i>	<i>—</i>	
<i>SJC</i>	5,117,275**	5/00/92	Bregman	<i>—</i>	<i>—</i>	10/24/90
<i>SJC</i>	5,123,850**	6/23/92	Elder et al	<i>—</i>	<i>—</i>	04/06/90
<i>SJC</i>	5,289,346**	2/00/94	Carey et al	<i>—</i>	<i>—</i>	02/26/91
<i>SJC</i>	5,350,947**	09/27/94	Takekawa et al	<i>—</i>	<i>—</i>	10/28/92
<i>SJC</i>	5,379,191**	01/03/95	Carey et al	<i>—</i>	<i>—</i>	02/26/91

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION

OTHER PRIOR ART (including Author, Titles Date, Pertinent Pages, Etc.)

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EXAMINER: S. ClarkeDATE CONSIDERED: 10-2-95



Attorney Docket No. TESSERA 3.3-018
Applicant: Khandros et al
Filing Date: April 28, 1993
Group: 2503

LIST OF PRIOR ART CITED BY APPLICANT**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER:	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SVC	3,302,067	1/00/67	Jackson et al	—	—	
SVC	3,390,308	3/00/66	Marley	—	—	
SVC	3,426,252	2/00/69	Lepselter	—	—	
	3,474,297	10/00/69	Bylander	—	—	
	3,487,541	1/00/70	Boswell	—	—	
	3,614,832	11/00/71	Chance et al	—	—	
	3,680,037	7/00/72	Nellis et al	—	—	
	3,680,206	8/00/72	Roberts	—	—	
	3,683,105	8/00/72	Shamash et al	—	—	
	3,772,575	11/00/73	Hegarty et al	—	—	
	3,795,037	3/00/74	Luttmer	—	—	
	3,832,769	9/00/74	Olyphant, Jr. et al	—	—	
	3,862,790	1/00/75	Davies et al	—	—	
	3,864,728	2/00/75	Peltz et al	—	—	
SVC	3,868,724	2/00/75	Perrino	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
SVC	WO 89/12911	12/00/89		—	—	
SVC	072673	8/00/82	Europat	—	—	
SVC	080041	9/00/82	Europat	—	—	
	245179		Europat	—	—	
SVC	413451	7/00/90	Europat	—	—	
SVC	1003396	3/00/83	Soviet	—	—	

OTHER PRIOR ART (including Author, Titles Date, Pertinent Pages, Etc.)

SVC	IBM Technical Disclosure Bulletin, Jan. 1985, Vol. 27, No. 8, Pg. 4855
SVC	IBM Technical Disclosure Bulletin, "Non-Permanent Mounting Technique for Test and Burn-In of C4 Devices", Nov. 1990, Vol. 33, No. 7
SVC	IBM Technical Disclosure Bulletin, "Extended Pad for Testing Package Parts", Dec. 1984, Vol. 27, No. 7B pp., 4210-4211
SVC	IBM Technical Disclosure Bulletin, "Test and Repair of Direct Chip Attach Modules", Aug. 1988, Vol 31, No. 3

EXAMINER: S. L. LinnDATE CONSIDERED: 10-2-95

Attorney Docket No. TESSERA 3.3-018Applicant: Khandros et alFiling Date: April 28, 1993Group: 2503**LIST OF PRIOR ART CITED BY APPLICANT****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER:	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SVL	3,925,404**	04/27/76	Matunami	-	-	
SVL	4,179,802	12/00/79	Joshi et al	-	-	
SVL	4,189,825	2/26/80	Robillard et al	-	-	
	4,237,607	12/00/80	Ohno	-	-	
	4,356,374	10/00/82	Noyori et al	-	-	
	4,410,905	10/18/83	Grabbe	-	-	
	4,545,610	10/00/85	Lakritz et al	-	-	
	4,574,470	3/00/86	Burt	-	-	
	4,597,617	7/1/86	Enochs	-	-	
	4,604,644	8/00/86	Beckham et al	-	-	
	4,627,151	12/00/86	Mulholland et al	-	-	
	4,628,406	12/00/86	Smith et al	-	-	
SVL	4,655,524**	4/00/87	Etzel	-	-	
SVL	4,670,770	6/00/87	Tai	-	-	
SVL	4,681,654	7/00/87	Clementi et al	-	-	

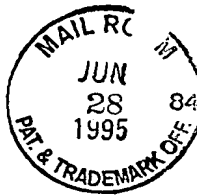
FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION
SVL	2495839	12/00/81	France	-	-	-
X	8910005	10/00/89	WIPO	-	-	-
X	9112706	8/00/91	WIPO	-	-	-
SVL	1-155633	6/19/89	Japan	-	-	-

OTHER PRIOR ART (including Author, Titles Date, Pertinent Pages, Etc.)

SVL	Microelectronics Packaging Handbook, 1989, pp. 420-423, 1132, Rao R. Tummala and Eugen J. Rymaszewski

EXAMINER: SVLDATE CONSIDERED: 10-2-95

Attorney Docket No. TESSERA 3.3-018Applicant: Khandros et alFiling Date: April 28, 1993Group: 2503**LIST OF PRIOR ART CITED BY APPLICANT****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER:	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SVL	4,685,998	8/00/87	Quinn et al	—	—	
SVL	4,695,870**	9/22/87	Patraw	—	—	
SVL	4,709,468	12/00/87	Wilson	—	—	
	4,710,798	12/00/87	Marcantonio	—	—	
	4,721,993	1/00/88	Walter	—	—	
	4,751,199	6/00/88	Phy	—	—	
	4,751,482	6/00/88	Fukuta et al	—	—	
	4,764,804**	8/00/88	Sahara et al	—	—	
	4,772,936	9/00/88	Reding et al	—	—	
	4,783,719**	11/08/88	Jamison et al	—	—	
	4,793,814	12/00/88	Zifcak et al	—	—	
	4,796,078	2/00/89	Phelps, Jr. et al	—	—	
SVL	4,811,082	3/00/89	Jacobs et al	—	—	
SVL	4,814,295	3/00/89	Mehta	—	—	
SVL	4,818,728**	4/00/89	Rai et al	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION

OTHER PRIOR ART (including Author, Titles Date, Pertinent Pages, Etc.)

EXAMINER: SVLDATE CONSIDERED: 6-2-95

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EXAMINER INITIAL	DOCUMENT NUMBER:	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
SVC	4,855,867	8/00/89	Gazdik et al	—	—	
SVC	4,874,721	10/00/89	Kimura et al	—	—	
SVC	4,878,098	10/00/89	Saito et al	—	—	
	4,884,122	11/00/89	Eichelberger et al	—	—	
	4,893,172**	1/00/90	Matsumoto et al	—	—	
	4,918,811	4/24/90	Eichelberger et al	—	—	
	4,924,353	5/08/90	Patraw	—	—	
	4,926,241	3/00/89	Carey	—	—	
	4,937,203**	6/00/90	Eichelberger et al	—	—	
	4,941,033	7/00/90	Kishida	—	—	
	4,942,140**	7/00/90	Ootsuki et al	—	—	
SVC	4,954,878	9/00/90	Fox et al	—	—	
SVC	4,967,261	10/00/90	Niki et al	—	—	
SVC	4,989,069	1/00/91	Hawkins	—	—	
SVC	5,029,325**	7/02/91	Higgins III et al	—	—	8/31/90

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION

OTHER PRIOR ART (including Author, Titles Date, Pertinent Pages, Etc.)

EXAMINER: S. ClarkeDATE CONSIDERED: 10-2-95